

## EQUIPMENT MAINTENANCE (EM) TECHNICIAN

**Job Title:** Equipment Maintenance (EM) Technician  
**Department:** Maintenance  
**Reports To:** Equipment Maintenance Manager  
**FLSA Status:** Non-Exempt

**Pay Range:** To be determined based on experience and capabilities.

### Summary:

Engineering Technicians to perform maintenance on equipment with setup, equipment operation, and testing for demanding development jobs and processes.

### Essential Duties and Responsibilities:

- Review of process parameters and performing diagnostics on equipment to determine cause of faults. This includes troubleshooting of electrical, mechanical, and hydraulic systems.
- Replacement of system components including: vacuum pumps, vacuum gauges, thermocouples, temperature controllers, filter elements, and fluids.
- Perform or assists outside services with calibration of system monitoring and measuring equipment.
- Perform detailed assembly or stacking for demanding brazing, bonding, or coating operations.
- Build and operates specialized testing or processing fixtures, systems and apparatus.
- Perform typical operations as a furnace technician including: loading of assembled components, placement of thermocouples, generating recipes, adjusting controls per job documentation or project engineer communications, starting and monitors profile, making adjustments during profile to provide correct profile of part.

### Supervisory Responsibilities:

This job has no supervisory responsibilities.

### Education and/or Experience:

Associates' degree (A. A.) or equivalent from two-year College or technical school; or six months to one-year related experience and/or training; or equivalent combination of education and experience.

### Language Skills:

Ability to read and interpret documents such as safety rules, operating and maintenance instructions, and procedure manuals. Ability to write simple correspondence. Ability to read and understand component technical manuals.

**Mathematical Skills:**

Ability to add, subtract, multiply, and divide in all units of measure, using whole numbers, common fractions, and decimals. Ability to compute rate, ratio, and percent and to draw and interpret bar graphs.

**Computer Skills:**

To perform this job successfully, an individual should have knowledge of Internet software; Manufacturing software; Spreadsheet software and Word Processing software.

**Certificates, Licenses, Registrations:**

Current Driver's License

**Other Skills and Abilities:**

Additional desirable skills include: Familiarity with vacuum technology, forklift experience, TIG and MIG welding, Oxy-Acetylene torch brazing and use, manual machining, knowledge of electronic circuits and electrical installations.

**Physical Demands:**

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is frequently required to stand. The employee is occasionally required to walk; sit; use hands to finger, handle, or feel; reach with hands and arms and talk or hear. The employee must occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, peripheral vision, and ability to adjust focus.

To apply, please send your resume to [info@vpei.com](mailto:info@vpei.com) and [cindya@vpei.com](mailto:cindya@vpei.com) and include the name of the job you are applying for.